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"McWilliams, Douglas"  
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08/29/2003 03:53 PM

To

Subject FW: CRS Site laboratory temperature excursion

> Ms. Massenburg,  
>  
> Pursuant to Administrative Order on Consent para. 108, I provided  
> telephone notice earlier today of a temperature excursion at STL  
> laboratories in North Canton relating to a power outage that has affected  
> some of the samples from the CRS Site that were awaiting analysis. This  
> e-mail message provides the written follow-up report required by the AOC.  
> Parsons received notice of this temperature excursion on August 27, 2003  
> and telephone notice was provided to you within 48 hours of when  
> Respondents knew of the event. The CRS Site Group provides this notice to  
> preserve our claim that this event might cause delay for reasons beyond  
> our control.  
>  
> Paragraph 108 requires the following information in this written report:  
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> 1. The reason for the potential delay:  
>  
> STL experienced a power outage on August 21, 2003 that affected a  
> refrigerator holding 22 samples from the CRS site awaiting analysis for  
> volatile organic compounds (VOCs). These samples included Black River  
> surface water samples, Black River sediment samples, groundwater samples  
> from the temporary monitoring points, and various blanks and duplicates.  
> STL reports that the excursion lasted for no more than 4-6 hours with the  
> samples reaching between 16 and 17 degrees C. The laboratory inspected  
> all sample bottles for sample integrity and proceeded with the analysis.  
> However, on August 27th they reported to Parsons that the temperature  
> excursion for unpreserved samples may have caused some degradation to the  
> aromatic compounds.  
>  
> 2. The anticipated duration of the potential delay:  
>  
> The CRS Site Group is working with Parsons and our data validator, Diane  
> Short, to determine the impact that the temperature excursion will have on  
> the data and whether re-sampling is warranted. If resampling is  
> necessary, we may experience a delay in our schedule. The duration of the  
> delay is unknown at this time.  
>  
> 3. Actions to be taken to minimize delay:  
>  
> The CRS Site Group will first analyze the data generated to determine if  
> the potential degradation of the aromatic compound results makes the data  
> unsuitable in some material respect. This action could minimize delay by  
> rendering resampling unnecessary. This analysis could also streamline the  
> number of samples that require resampling.  
>  
> If the data is deemed unsuitable, the CRS Site Group will arrange for  
> resampling as soon as practicable.  
>  
> 4. Schedule for mitigation measures:  
>  
> Mitigation measures will be pursued diligently. Analysis of the data

> generated is expected to occur in September 2003. If necessary,  
> mobilization to resample is anticipated in October 2003.  
>  
> 5. Statement of Respondents regarding public health:  
>  
> This event is not expected to endanger public health, welfare or the  
> environment.  
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>  
> If you have any questions or concerns, please contact me directly,  
>  
> Doug McWilliams  
>  
> Douglas A. McWilliams  
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>  
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